BRUHAT BENGALURU MAHANAGARA PALIKE
EXECUTIVE ENGINEER (ELECRICALS) DASARAHALLI ZONE
Schedule -B

Indent Number:BBMP/2023-24/EL/WORK_INDENT3016

Name Of Work: Replacement of Burntout UG Cable,Panels boards and its accessories coming under Dasarahalli Zone Parks Ward 15,16,17,18,19,20.

Rates Quoted by Contractor
M/s. VISHWAS G(SRI MAHALAKSHMI

SNo	Item Name	Unit	Estimate Quantity	In Figures (Rs.)	In Words (Rs.)
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT 5500K, IP66 optical and electrical compartment & impact resistance of complete luminaire IK08. Power Factorgreaterthan0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .W System Power consumption. LED Efficiencygreaterthan1301m/w, nominal CRI greaterthan75 Luminaire manufacturer should have	No	41	4000.00	Rupees Four Thousand Only
2	Fabricating, supplying and erection ofms long hot dip Galvanized Octagonal hot dip Pole with BSEN 10025 grade S355JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 ms for .m Pole in single section and single joint welded as per IS 9595/IS10178AWS aving dimensions bottom . mm , top. mm with 3 mm hick, suitable base plate and 4Nos of . long J bolts along with template and the Pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTMA123 and 153 etc.excluding foundation) as per drawing appended.3 m Top 70 mm and Bottom 130 mm dia	Each	41	7000.00	Rupees Seven Thousand Only
3	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and mounted on Octagonal pole using necessary bolts, nuts etc., complete Single Arm Bracket with 1000 mm Standard 40/50 mm dia	Each	41	900.00	Rupees Nine Hundred Only
4	Fixing charges of post top/ Gate/ Garden fitting /LED on the existing CI/ GI or any other pipe using required size of reducer, wiring using suitable wires.	Each	41	180.00	Rupees One Hundred Eighty Only

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5	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.,,) 3-120sec setting.	Each	2	1950.00	Rupees One Thousand Nine Hundred Fifty Only
6	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 A TPN	Each	2	1950.00	Rupees One Thousand Nine Hundred Fifty Only
7	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32 A DP	Each	4	600.00	Rupees Six Hundred Only
8	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. 4)95/100 A	Each	2	11000.00	Rupees Eleven Thousand Only
9	FabricatingsupplyingandmountingMSboxmadeout.SWGsuitableforfloor/wallmounting,fullyweatherproofwithprovisionforbetterheatdissipation,providedwithhingedfrontcover,equippedwithtamperproflockingarrangements,withsuitablesizeclampswithnecessarycableentrypipewithglandandboxshouldbefinishedwith7tankstreatmentwithpowdercoatedpaintand finally finished with approved colour etc., complete 5.42.2) 16 SWG	Sq CM	80500	0.30	Rupees And Paise Thirty Only
10	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N. F. screws	Sq CM	20000	0.30	Rupees And Paise Thirty Only
11	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron. and M.S. Flat.with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm	Mtr	5	200.00	Rupees Two Hundred Only
12	Supplying . A rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete 100 A 4 x 30 x 6 mm Aluminium Strips	Mtr	4	2000.00	Rupees Two Thousand Only

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13	Heavy Duty Copper Terminal Long Barrel 25 Sqmm Copper Terminal, Apprx Wt: 11 Gm	No.	15	22.00	Rupees Twenty Two Only
14	1.1 kV Class HR (Heat Resistant) PVC Insulated & Sheathed Aluminium Single Core Lead wires as per IS-694: 2010 PVC Wire - 2.5 SqmmWeight per 100 Mtr Coil: 1.8 Kg	Coil	2	1200.00	Rupees One Thousand Two Hundred Only
15	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440VAC, 50 Hz 12/24V D.C.	Each	6	400.00	Rupees Four Hundred Only
16	Rod type of earthing using 40 mm Dia, 3 Mtr long MS rod as ground rod, in earth pit of 300 mm width and 3300 mm depth and using 50x6 mm flat welded to ground rod as terminal & connected to equipment ground terminal using PVC Al wire as specified	No.	2	1500.00	Rupees One Thousand Five Hundred Only
17	Earth work excavation for cable trench of 0.5 to 0.75 Mtr. Width and Depth upto 1 Mtr including trial pits, depositing on bank upto a lead of 50 Mtr, Supplying and Displaying necessary Danger Boards and Lighting, Using sight Rails and Sign Boards at every 100 Mtr wherever necessary as directed	CUBIC METER	201	220.00	Rupees Two Hundred Twenty Only
18	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4 Core, (11 GI Strips - 4 x 0.8 mm)	Km	0.56	130000.00	Rupees One Lakh(s) Thirty Thousand Only
19	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staf 2.5 to 25 Sqmm	Km	0.56	16000.00	Rupees Sixteen Thousand Only
20	KSRB 4-1.6: Providing and Laying in position plain cement cocrente of mix 1:2:4 with Cement @ 240 Kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 CMT and fine aggregtes @ 0.459 CMT machine mixed concrete laid in layers not exceeding 15 cm. thick well compacted, in foundation and plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. SPECIFICATION No. KBS 4.1, 4.2	CUBIC METER	10	5000.00	Rupees Five Thousand Only
21	Optical Fibre Cable (OFC) and its Accessories HDPE/PLB Pipe 40/33 mm	Km	0.5	6500.00	Rupees Six Thousand Five Hundred Only

For SRI MAHALAKSHMI CONSTRUC

Proprietor

Executive Engineer (Ele)
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike.

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